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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/802,130	03/16/2004	Raja Bala	A3174	3573

7590 11/07/2007  
Patent Documentation Center  
Xerox Corporation  
Xerox Square 20th Floor  
100 Clinton Ave.  
Rochester, NY 14644

EXAMINER
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RASHID, DAVID

ART UNIT	PAPER NUMBER
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2624

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11/07/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Interview Summary

Application No.

10/802,130

Applicant(s)

BALA ET AL.

Examiner

David P. Rashid

Art Unit

2624

All participants (applicant, applicant's representative, PTO personnel):

(1) David P. Rashid (examiner).

(3) Joseph Young (Reg. no. 45,248).

(2) Vikkram Bali (primary examiner).

(4) \_\_\_\_\_.

Date of Interview: 05 November 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1 and 23.

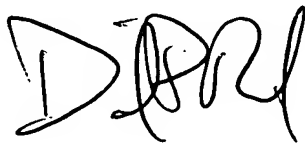
Identification of prior art discussed: Weston (US 5,434,627 A); Balasubramanian et al (Gamut Mapping to Preserve Spatial Luminance Variations).

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative discussed the issues outlined in Attachment A. A response with the arguments will follow.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.



Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
VIKKRAM BALI  
PRIMARY EXAMINER

Examiner's signature, if required

Attachment (A)

**Rashid, David**

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**From:** Young, Joseph OGC [Joseph.Young@xerox.com]  
**Sent:** Tuesday, October 23, 2007 3:42 PM  
**To:** Rashid, David  
**Subject:** 06 November 2007 Conference to discuss 10/802,130

David,

The two primary areas of discussion will involve the rejection of claim 1 over Weston and claim 23 over a paper by one of the authors.

Claim 1: Specifically, I do not believe Weston shows or suggests adjusting a luminance component of a color image based upon at least one high pass filtered chrominance component of the color image. It appears to simply disclose separating the chrominance signals from the luminance signal and then recombining them, which does not adjust the luminance signal. Separating the components of a signal and recombining them I believe is old. However, modifying the luminance component of an image signal by the chrominance component of an image signal I believe is new.

Claim 23: In the Author/Applicant's own words: "I don't understand the examiner's reasoning. I re-read the paragraph (which I wrote!). We describe the concept of the same input color being mapped to different output colors depending on spatial surround....but we do NOT make any explicit mention of mapping to different grayscale values. (We hadn't even thought of this idea at that time....it wasn't obvious even to us, the inventors!) Yes, color-to-gray can be thought of as a form of gamut-mapping - but it is rather extreme form of gamut-mapping, and calls for very different techniques."

Joe

11/5/2007